Index of Claims

Application/Control No.

10/602,005 Examiner

Peter Szekely

Applicant(s)/Patent under Reexamination

BLONDEL ET AL.
Art Unit

1714

| √  | Rejected |
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| 11 | Allowed  |

(Through numeral) Cancelled Restricted

Non-Elected N ı Interference

**Appeal** Α 0 Objected

| Cla         | aim      |          |          |          | D        | ate      |          |          |          |     |   | Cla  | aim      |                     |          |                | D        | ate      |         |          |                 | Cla      | aim         |           |          |          |          | ate      |          | _              |          |          |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----|---|--|----------|---------------------|----------|----------------|----------|----------|---------|----------|-----------------|----------|-------------|-----------|----------|----------|----------|----------|----------|----------------|----------|----------|
|             | 3        |          |          |          |          |          |          |          |          |     |   |  | e le     |                     |          |                |          |          |         |          |                 |          | <del></del> |           |          |          |          |          |          |                |          |          |
| Final       | Original | 3/1/03   |          |          |          | 1        | ١        |          | - 1      | - 1 |   | Final  | Original |                     |          |                |          | -        |         |          |                 | Final    | Original    |           |          | - 1      |          |          |          |                | - 1      |          |
| ιĒ          | ř        | 3/1      |          |          |          |          |          | - 1      |          |     |   | 证  | Ę        |                     |          |                |          | - 1      |         |          | 1               | 這        | _ 꽃         |           |          |          |          |          |          |                |          |          |
|             | כ        |          |          | 1        |          |          |          |          | $\Box$   |     |   |  |          |                     |          |                |          |          |         |          |                 |          |             |           |          |          |          |          |          |                |          |          |
|             | 1        |          |          |          |          |          |          |          |          |     |   |  | 51       |                     |          |                |          |          |         | L        |                 |          | 101         |           |          |          |          |          | $\perp$  |                |          |          |
|             | 2        |          |          |          |          |          |          |          |          |     |   |  | 52       |                     |          |                |          |          |         |          | Ш               |          | 102         | $\Box$    | $\perp$  | _        | $\Box$   | $\perp$  | _        |                |          | $\Box$   |
|             | 3        |          |          |          |          |          |          |          |          |     |   |  | 53       |                     |          |                |          |          |         |          | Ш               |          | 103         |           |          | _        |          |          | _        |                | _        | _        |
|             | 4        | L        |          |          |          |          | _        | _        | $\Box$   |     |   |  | 54       | Ш                   |          |                | $\perp$  |          | ┸       |          | Ш               |          | 104         |           | _        | _        | _        | _        | _        | _              | _        | _        |
|             | 5        | _        |          |          | _        |          | _1       | _        |          |     |   |  | 55       | Ш                   |          |                | $\perp$  |          | _       | 1_       | Ш               |          | 105         |           | _        | _        |          | $\perp$  | _        | 4              | $\perp$  | 4        |
|             | 6        |          |          | _        |          | _        |          | _        | _        |     |   |  | 56       | Ш                   |          | _              |          |          | 1       | ┷        | Ш               |          | 106         |           | _        | _        | _        | _        | _        | 4              | _        | _        |
|             | 7        | _        |          |          |          | 4        | _        | _        | _        |     |   |  | 57       | Ш                   |          | _              | _        |          | $\perp$ |          | Ш               |          | 107         |           | _        | _        |          | _        | _        | _              | 4        | _        |
|             | 8        |          |          |          |          | 4        | _        | _        | _        |     |   |  | 58       |                     |          |                | $\perp$  |          | 1       | _        | Ш               |          | 108         |           | _        | _        | _        | _        | _        | _              | $\perp$  | _        |
|             | 9        | <u> </u> | L        | _        | _        | _        | _        | _        | _        |     |   | <u></u>  | 59       | Ш                   |          | _              | $\perp$  | $\perp$  | $\perp$ | 1_       | Ш               |          | 109         | _         | _        | _        |          |          | _        | _              | 4        | _        |
|             | 10       | <u> </u> | Ц        | 4        | $\perp$  | _        |          |          |          |     |   |  | 60       | Ш                   |          | _              |          |          | $\perp$ | ┺        | Ш               |          | 110         |           | _        | _        | ļ        |          | _        | 4              | $\perp$  | _        |
|             | 11       | <u> </u> | $\sqcup$ | $\perp$  |          | $\dashv$ | _        | _        | $\dashv$ |     |   | <u> </u>   | 61       | $\sqcup$            |          | _              | 4        | _        | $\perp$ | 4        | Ш               |          | 111         | _         | _        | _        |          |          | _        | $\dashv$       | 4        | _        |
| 1           | 12       | =        |          | _        | $\dashv$ | _        |          |          | _        |     |   |  | 62       | Ш                   | $\Box$   | $\perp$        | $\perp$  | $\perp$  | $\perp$ | 4-       | Щ               |          | 112         |           | _        | _        |          |          | _        | _              | _        | _        |
| 2           | 13       | =        | $\sqcup$ |          | _        | _        |          | _        | _        |     |   | <u> </u>   | 63       |                     |          | _              | 4        | $\perp$  | $\perp$ | 1_       | Ш               |          | 113         |           | $\dashv$ | _        | _        | $\dashv$ | _        | _              | $\dashv$ | _        |
| 3           | 14       | =        | $\sqcup$ | _        | _        | 4        | _        |          |          |     |   |  | 64       | $\sqcup$            | $\sqcup$ | _              | $\perp$  | $\bot$   | $\bot$  | $\perp$  | Ш               |          | 114         | $\square$ |          | _        |          | _        | _        | _              | $\perp$  | _        |
| 4           | 15       | =        | $\sqcup$ | _        | _        | _        | 4        | _        | _        |     |   | <u> </u>   | 65       | $\square$           | $\sqcup$ |                | +        | 4        | $\perp$ | ╄        | Щ               |          | 115         | -         | -        | _        |          | -        |          | $\dashv$       | $\dashv$ | $\dashv$ |
| 5           | 16       | =        | $\sqcup$ | _        | 4        | 4        | _        | _        | _        |     |   | ļ  | 66       | $\sqcup$            | $\sqcup$ | _              | +        |          | -       | <u> </u> | $\sqcup$        |          | 116         |           | 4        | _        | $\Box$   |          | _        | -              | 4        | $\dashv$ |
| 6_          | 17       | =        |          | _        | _        | 4        | _        | _        | _        |     |   | <u> </u>   | 67       | $\sqcup$            | $\sqcup$ | $\dashv$       | +        | _        | 1       | +-       | $\vdash \vdash$ |          | 117         |           | _        | 4        | $\sqcup$ |          | $\dashv$ | -              | -        | 4        |
| 7           | 18       | =        | H        | _        | 4        | _        | _        | _        |          |     |   | <u> </u>   | 68       | $\vdash \downarrow$ |          | $\dashv$       | 4        |          | +       | +        | $\vdash$        |          | 118         | $\Box$    | _        | _        |          | _        | $\dashv$ | -              | -        | $\dashv$ |
| 8           | 19       | =        | _        | _        | 4        | $\dashv$ | 4        |          |          |     |   | <u> </u>   | 69       |                     |          | _              | 4        | _        | $\bot$  | $\bot$   | $\perp$         |          | 119         | _         | 4        | -        |          | -        | $\dashv$ | -+             | -        | 4        |
| 9           | 20       | =        |          |          | _        | 4        | _        | _        | _        |     |   |  | 70       |                     | -        | -              | +        | +        | +-      | -        | $\vdash$        |          | 120         |           | $\dashv$ | -        | $\dashv$ | -        | $\dashv$ | -              | -        | -        |
| 10          | 21       | =        |          |          | -        | -        |          | -        | _        |     |   | <u> </u>   | 71       | -                   |          | +              | +        |          | +-      | +        | Н               |          | 121         |           | -        | -        | _        |          |          | -              |          | -        |
| 11          | 22       | =        | _        | -        | -        | -        | $\dashv$ | -        |          |     |   |  | 72       | Н                   | $\dashv$ | $\dashv$       | +        | +        |         |          | $\vdash$        |          | 122         |           | $\dashv$ | -        |          |          | $\dashv$ | $\dashv$       | +        | _        |
| 12          | 23       | =        | _        | $\dashv$ | 4        | -        | -        | _        | _        |     |   | <u> </u>   | 73       |                     | $\dashv$ | -              | +        | +        | +       | +        | Н               |          | 123         | _         | _        | -        |          |          | -        | -              | -        | $\dashv$ |
| 13          | 24       | =        | $\vdash$ | $\dashv$ | -+       | 4        | $\dashv$ |          | _        |     |   |  | 74       | $\vdash$            | $\dashv$ | $\dashv$       | -+-      | -        | ┿       |          | Н               |          | 124         | $\dashv$  | $\dashv$ | $\dashv$ | Н        | $\dashv$ | -        | -+             |          | -        |
| 14          | 25       | =        | $\vdash$ | -        | $\dashv$ | $\dashv$ | $\dashv$ |          | -        |     |   |  | 75       | Н                   | _        | -+             | +        | $\dashv$ | ╁       | +-       | $\vdash\vdash$  |          | 125         | $\dashv$  | -+       |          | Н        | $\dashv$ | $\dashv$ | $\dashv$       | +        | _        |
| 15          | 26       | =        | Н        | $\dashv$ | -        | +        | -        | -        | _        |     |   | <u> </u>   | 76<br>77 | Н                   | $\dashv$ | $\dashv$       | +        | +        | +       | +        | $\vdash\vdash$  |          | 126<br>127  | Н         | $\dashv$ |          | Н        | -        | -        | $\dashv$       | $\dashv$ | -        |
| 16<br>17    | 27<br>28 | =        | Н        | $\dashv$ | $\dashv$ | +        | -        |          | $\dashv$ |     |   |  | 78       | Н                   | $\dashv$ | $\dashv$       | +        | +        | +       | +        | Н               |          | 128         | $\vdash$  | $\dashv$ | -        | $\dashv$ | -        | ⊣        | +              | $\dashv$ | $\dashv$ |
| 18          | 29       | =        | $\vdash$ | $\dashv$ |          |          | $\dashv$ | $\dashv$ | $\dashv$ |     |   |  | 79       | $\vdash$            |          | $\dashv$       | $\dashv$ | +        | ╁       | +        | $\vdash$        |          | 129         | Н         | -+       | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$       | $\dashv$ | $\dashv$ |
| 19          | 30       | Ē        | $\vdash$ | -        | -        | $\dashv$ | -        | ᅱ        | $\dashv$ |     |   |  | 80       | $\vdash$            |          |                | +        | +        | ╫       | +-       | $\vdash$        |          | 130         | Н         | +        | -        | $\dashv$ |          | +        | $\dashv$       | $\dashv$ | $\dashv$ |
| 20          | 31       | =        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | -        |     |   | _  | 81       | $\vdash$            | $\dashv$ | $\dashv$       | $\dashv$ | +        | +       | ╁        | $\vdash$        |          | 131         | -         | $\dashv$ | $\dashv$ |          |          |          | $\dashv$       | +        | $\dashv$ |
| 21          | 32       | =        | $\vdash$ | -+       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |     |   |  | 82       | $\vdash$            | $\vdash$ | $\dashv$       | $\dashv$ | +        | +       | +        | $\vdash$        |          | 132         | $\vdash$  | $\dashv$ |          | $\vdash$ | $\dashv$ | ᅱ        | $\dashv$       | +        | $\dashv$ |
| 22          | 33       | =        | $\vdash$ | $\dashv$ | -+       | +        | +        | -        | -        | -   |   |  | 83       | $\vdash \dashv$     | $\vdash$ | $\dashv$       | $\dashv$ | -+       | +       | +        | $\vdash$        | _        | 133         | $\vdash$  | -        | -        | $\vdash$ |          | $\dashv$ | -+             | $\dashv$ | $\dashv$ |
| 23          | 34       | =        |          | -1       |          | $\dashv$ | $\dashv$ | $\dashv$ |          | -   |   |  | 84       | $\vdash$            | $\vdash$ | $\dashv$       | +        | +        | +       | +        | $\vdash$        |          | 134         | Н         | $\dashv$ | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$ | +              | +        | $\dashv$ |
| 24          | 35       | =        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | ᅱ        | $\vdash$ |     |   | <del>                                     </del> | 85       | H                   | $\vdash$ | $\dashv$       | 十        | +        | +       | +        | H               |          | 135         | Н         | $\dashv$ | $\dashv$ | Н        |          | -        | 7              | $\dashv$ | $\dashv$ |
| 25          | 36       | =        | $\vdash$ | +        | $\dashv$ | $\dashv$ | +        | $\dashv$ | -        |     |   |  | 86       | H                   | $\vdash$ | $\dashv$       | +        | -        | +-      | +-       | Н               | <u> </u> | 136         | $\vdash$  | $\neg$   | -        | $\vdash$ |          | 一十       | $\dashv$       | $\dashv$ | ┨        |
| 26          | 37       | =        | -        | -        | +        | $\dashv$ | -        | -        | $\vdash$ | -   |   |  | 87       |                     | $\vdash$ | $\dashv$       | $\dashv$ | +        | +       | +        | $\vdash$        |          | 137         | $\vdash$  |          | $\dashv$ | $\vdash$ | $\neg$   | 一        | +              | +        | $\dashv$ |
| 27          | 38       | =        | $\vdash$ | -        | 十        | -        | 7        | -        |          | _   |   | <del>                                     </del> | 88       | Н                   | $\vdash$ | $\dashv$       | $\dashv$ | +        | +       | +        | H               |          | 138         | Н         | $\dashv$ | $\neg$   | Н        |          | 1        | 十              | $\top$   | $\dashv$ |
| 28          | 39       | =        | $\vdash$ | +        | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | _   |   |  | 89       | $\vdash$            |          | 一              | $\dashv$ | $\dashv$ | +       | ╁        | $\forall$       |          | 139         | -         | $\dashv$ | $\neg$   |          |          | $\dashv$ | 7              | $\dashv$ | ヿ        |
| 29          | 40       | =        | $\vdash$ |          | _        | $\dashv$ | $\dashv$ |          |          |     |   | $\vdash$   | 90       | М                   | $\vdash$ | $\dashv$       | $\dashv$ | $\dashv$ | +       | +        | Н               | . –      | 140         | М         | $\dashv$ | ┪        |          |          | 寸        |                | $\dashv$ | $\dashv$ |
| <del></del> | 41       | H        | $\vdash$ | $\dashv$ | $\dashv$ | _        | 寸        | $\dashv$ |          | _   |   |  | 91       | М                   | $\vdash$ | $\neg \dagger$ | $\dashv$ | $\top$   | $\top$  | $\top$   | П               |          | 141         | М         | $\neg$   | 7        |          |          | T        | Ť              | $\dashv$ | ヿ        |
| <u> </u>    | 42       |          | H        | _        | 7        | $\dashv$ | 一        | _        | $\neg$   |     |   |  | 92       | П                   | $\Box$   | $\dashv$       | $\top$   | $\top$   | $\top$  | T        | H               |          | 142         | П         | $\dashv$ | T        | П        |          | 一        | $\neg \dagger$ | $\dashv$ | 7        |
|             | 43       | Т        | $\sqcap$ | _        | $\dashv$ | $\dashv$ |          | _        |          |     |   |  | 93       | М                   | $\Box$   | $\neg$         | $\neg$   | $\dashv$ | $\top$  | T        | П               |          | 143         | П         | $\dashv$ |          | $\Box$   | $\neg$   |          | $\neg$         | $\neg$   | ヿ        |
|             | 44       | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$ | $\neg$   | 7        | $\neg$   | $\neg$   |     |   |  | 94       |                     |          |                | $\dashv$ | $\neg$   | $\top$  | T        | П               |          | 144         |           | $\neg$   |          |          |          |          |                |          | ヿ        |
|             | 45       | Г        | П        | $\neg$   | $\neg$   | 寸        | 7        | $\neg$   | $\neg$   |     |   |  | 95       |                     | $\Box$   | $\dashv$       | $\dashv$ | _        | $\top$  | $\top$   | П               |          | 145         |           |          |          |          |          |          | $\Box$         | $\Box$   |          |
|             | 46       |          | П        | $\dashv$ | $\dashv$ | 7        | 7        | $\neg$   |          |     |   |  | 96       | $\Box$              |          | $\neg$         | $\top$   | $\dashv$ |         | $\top$   | П               |          | 146         |           |          |          |          |          |          |                |          | $\neg$   |
|             | 47       | Г        | П        | ┪        | 7        | 寸        | $\neg$   | $\neg$   |          |     |   |  | 97       |                     |          | 7              | $\dashv$ | $\top$   | 1       | $\top$   | П               |          | 147         |           |          |          |          |          |          |                |          | _1       |
| l           | 48       |          | $\sqcap$ | 1        | 7        | $\dashv$ | 寸        | $\neg$   | $\Box$   |     |   |  | 98       | П                   | $\sqcap$ | $\dashv$       | 十        | $\neg$   | 1       | T        | $\sqcap$        |          | 148         |           |          |          |          |          | 1        |                |          | ╗        |
|             | 49       | Г        | П        | $\dashv$ | 7        | 7        | 寸        | 一        | $\Box$   |     |   |  | 99       |                     | $\Box$   |                | $\neg$   | T        | 1       | T        | П               |          | 149         |           |          |          |          |          | 彐        |                |          | ٦        |
|             | 50       | 1        | $\sqcap$ | _        | 寸        | 寸        | 寸        | 一        |          |     |   |  | 100      | П                   |          | $\neg$         | $\neg$   | $\top$   | T       | $\top$   | П               |          | 150         |           |          |          |          |          |          |                |          |          |
|             |          |          |          |          |          | 1        |          |          |          |     | , |  |          |                     |          |                |          |          |         |          |                 | <br>L    |             |           |          | _        |          |          | —,       |                |          |          |